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# METHOD AND SYSTEM FOR GENERIC INFERENCE OF SEQUENTIAL ELEMENTS

Inventor: Arnaud Pedenon

## ABSTRACT

A method for inferring a requested data input function of a sequential cell  
5 from a library of candidate cells, wherein the requested cell and the candidate cell  
are expressed as polynoms and then divided. The method generates polynomial  
expressions of the inhibition, transformation and inference steps necessary to  
convert the candidate cell into the requested cell. The use of polynomial  
expression and division greatly reduces the number of rules necessary to  
10 accommodate the varying combinations of requested cell and candidate cell  
functions.

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